

Ordering Information

Family	Shielding	Length	Lamps	Lamp Type	Ballast Factor	Voltage	Housing	Option
A			1					
Aletta	LE = Louver w/ Elongated Lens LS = Louver w/ Segmented Lens	2 = 2' (60.96cm) 4 = 4' (121.92cm)	1 = 1 Lamp	T5 = T5 Standard Output HO = T5 High Output	10 = *1.0 T5, HO Dimming and Static 11 = 1.15 T5	1 = 120v 2 = 277v 3 = 347v	U = Individual Unit S = Starter J = Joiner E = Ender	D = Dimming E = EM Pack 2 = 2 Circuit 4 = 4 Through Wire 5 = 5 Through Wire

* For dimming, use "D" option. If "D" is not selected, ballast will be static.

Features

- Housing:** 23 gauge pre-painted steel. 20 gauge available, consult factory.
- Lamp:** One T5, T5HO. (by others)
- Faux Housing:** Extruded Frosty acrylic.
- Louver:** High purity Semi-Specular, 2-3/4" (6.99cm) opening x 1-3/8" (3.49cm) deep on 2" (5.08cm) ctrs with micro-prismatic side overlays. Elongated lens openings are 22" (55.88cm) windows. Segmented lens openings are 2" (5.08cm) windows.
- Performance Kick Reflector:** .020" (0.05cm) 95%-98% reflective, UV resistant polypropylene.
- Trim:** Extruded aluminum trim, painted white, interfaces with ceiling grid or plaster frame by others.

Electrical

Ballasts are electronic and high power factor. Dimming ballasts are available on many lamp types, please consult factory regarding specific applications. 1325 max lumen battery pack is standard. See application table on page 2 for output with specific lamp types. Continuous luminaires utilize 12 gauge through wires. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Mounting

Housing is suspended by hanger wires and laid into standard or slot-T grid ceiling. Mounting accessory available for drywall installations (see page 2).

Labels

UL, cUL and I.B.E.W.

Ordering Instructions

Individual Fixtures:

- Order quantity of Individual Units required.

Continuous Runs:

- Order one Starter and one Ender fixture per run.
- Order appropriate quantity of Joiner fixtures.

Continuous runs only - Prior to installing Aletta in a grid ceiling, the installing contractor must ensure that the fixture will set into two main runners, spaced 2' (60.96cm) on center. No grid cross members are required except at the beginning and end of the run.

Job Information

Type:

Job Name:

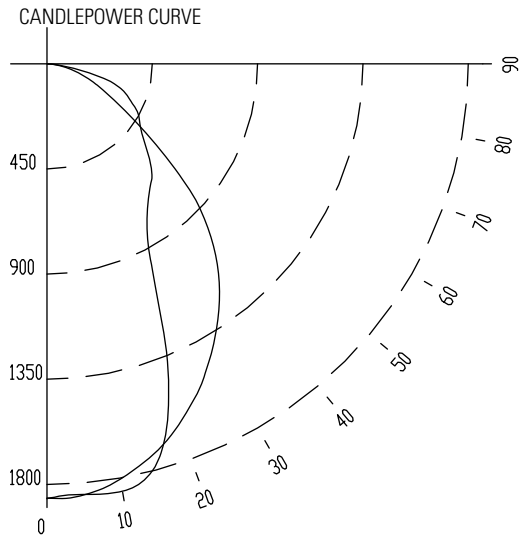
Cat. No.:

Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Performance

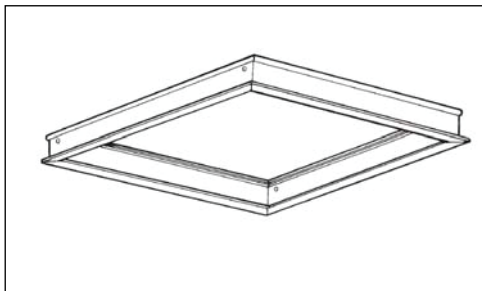


REPORT NO.: ALE41T5.IES
LAMPS: 1 FP54/835/HO
LUMENS: 4450*
EFFICIENCY: 70.0%

* 25°C Rating

ZONE	CANDLEPOWER				
	0	22	45	67	90
CANDELAS					
DEG.					
0	1859	1859	1859	1859	1859
5	1851	1854	1851	1851	1850
15	1736	1753	1791	1804	1785
25	1539	1581	1473	1259	1124
35	1281	1285	880	766	750
45	958	807	606	627	631
55	517	448	459	477	491
65	264	274	307	379	403
75	130	155	215	268	271
85	29	46	43	45	40
90	0	0	0	0	0

Mounting Accessory



Drywall Conversion Kit

For Individual Units only

FK92X2 – Conversion Kit for 2' (60.96cm) Unit

FK92X4 – Conversion Kit for 4' (121.92cm) Unit

COEFFICIENTS OF UTILIZATION
% EFFECTIVE CEILING CAVITY REFLECTANCE

		80			70			50		
		WALLREFLECTANCE								
		70	50	30	70	50	30	50	30	10
ROOM CAVITY RATIO	0	83	83	83	81	81	81	78	78	78
	1	77	74	71	75	72	70	69	67	65
	2	71	65	61	69	64	60	61	58	55
	3	65	58	53	63	57	52	55	51	47
	4	60	52	47	58	51	46	50	45	41
	5	56	47	42	54	47	41	45	40	37
	6	52	43	37	51	43	37	41	36	33
	7	48	40	34	47	39	34	38	33	30
	8	45	36	31	44	36	31	35	30	27
	9	43	34	28	42	33	28	33	28	25
10	40	31	26	39	31	26	30	26	23	
20% FLOOR CAVITY REFLECTANCE										

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	3500	70.0	100
0-180	3500	70.0	100

EM Pack Output Table

Lamp Length	Lamp Type	Lamp Rated Output	Lamp Wattage	Battery Lumen Output
4' (121.92cm)	T5HO	4450*	54	1250*
4' (121.92cm)	T5	2600*	28	1325*
4' (121.92cm)	T8	2950	32	1100
2' (60.96cm)	T5HO	1750*	24	725*
2' (60.96cm)	T5	1200*	14	750*
2' (60.96cm)	T8	1350	17	650

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